

IN THE CLAIMS:

Please amend claim 1 as follows. A Marked Up Version of Amended Claim is attached hereto.

① ② 1. (Three Times Amended). A method for detecting a pathogenic or any other condition of an organism comprising the steps of

*Sub E* taking a sample, and said sample is selected from the group consisting of a tissue sample, a fluid sample from said organism, the organism itself, the combinations thereof; and wherein said organism is selected from the group consisting of a procarvote, a eucarvote, a multicellular organism, cells from tissue cultures, and cells from animals and humans;

measuring substantially the entirety of peptides from said sample of said organism containing high-molecular weight peptides and low-molecular weight peptides, as an indication of the pathogenic or any other condition of said organism;

wherein said low-molecular weight peptides, used for said measurement have a molecular weight of not more than 30,000 Dalton;

directly detecting said low molecular weight peptides;